

State of Alaska FY2010 Governor's Operating Budget

Department of Education and Early Development WWAMI Medical Education Component Budget Summary

Component: WWAMI Medical Education

Contribution to Department's Mission

The mission of the Alaska WWAMI program is to promote and provide public medical education to Alaskans, and to encourage graduates to practice medicine in Alaska.

Core Services

- Educate medical students to become physicians
- Provide medical educational opportunities in Alaska, including graduate medical education
- Create outreach opportunities for rural/underserved pre-college students as well as undergraduate premedical students toward health careers

End Result	Strategies to Achieve End Result
A: An Alaska Medical Program <u>Target #1:</u> Achieve and maintain a program graduation rate of 95% <u>Status #1:</u> The Alaska WWAMI program continues to achieve a program graduation rate of 95%. <u>Target #2:</u> Annually fill Alaska's 20 WWAMI seats each year <u>Status #2:</u> Alaska WWAMI has successfully filled its increased class size each of the two academic years since the Alaska Legislature increased the State's allotment of medical education seats from ten to twenty per year.	A1: Pre College Outreach <u>Target #1:</u> Maintain applicant pool quality at a 4:1 ratio of applicants to class seats <u>Status #1:</u> Achieved target in 2007 but failed to do so in 2008. <u>Target #2:</u> Maintain annual participant numbers for pathway programs at 165 or more <u>Status #2:</u> Achieved in 2008.
End Result	Strategies to Achieve End Result
B: Program Graduates Practice in Alaska <u>Target #1:</u> Through the WWAMI program, produce physicians for Alaska practices at a rate of 65% or more <u>Status #1:</u> In 2008, this target was again achieved as the WWAMI program Alaska physician production rate increased from 75% to 88%	B1: Educational opportunities exist to recruit graduates to practice in Alaska <u>Target #1:</u> Increase Alaska medical student clerkship to 13 <u>Status #1:</u> Target achieved in 2008 as Alaska's clerkship sites increased from 12 to 15. The number of clerkship sites is expected to increase in future years. <u>Target #2:</u> Increase the number of student clerkship rotations in Alaska to 137 <u>Status #2:</u> This target has not yet been achieved but student numbers remained stable from 2007. This continues to be an appropriate target. <u>Target #3:</u> Increase Alaska sites participating in Rural/Underserved Opportunities Program to 15 <u>Status #3:</u> 2008 reflected a 13% decrease in Alaska RU/OP program sites. RU/OP participation rates do

fluctuate from year to year. This remains a viable target.
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Major Activities to Advance Strategies

- | | |
|--|---|
| <ul style="list-style-type: none"> Identify potential training sites Recruit physician faculty Mentor physicians Recruit medical students to Alaska clerkship sites Ensure quality by student and faculty evaluations | <ul style="list-style-type: none"> Visit and evaluate current and potential training sites Work with partners to organize and deliver education Recruit partner institutions Capitalize on new technologies to deliver education Work with UA to maintain applicant pool |
|--|---|

FY2010 Resources Allocated to Achieve Results

FY2010 Component Budget: \$2,654,800

Personnel:

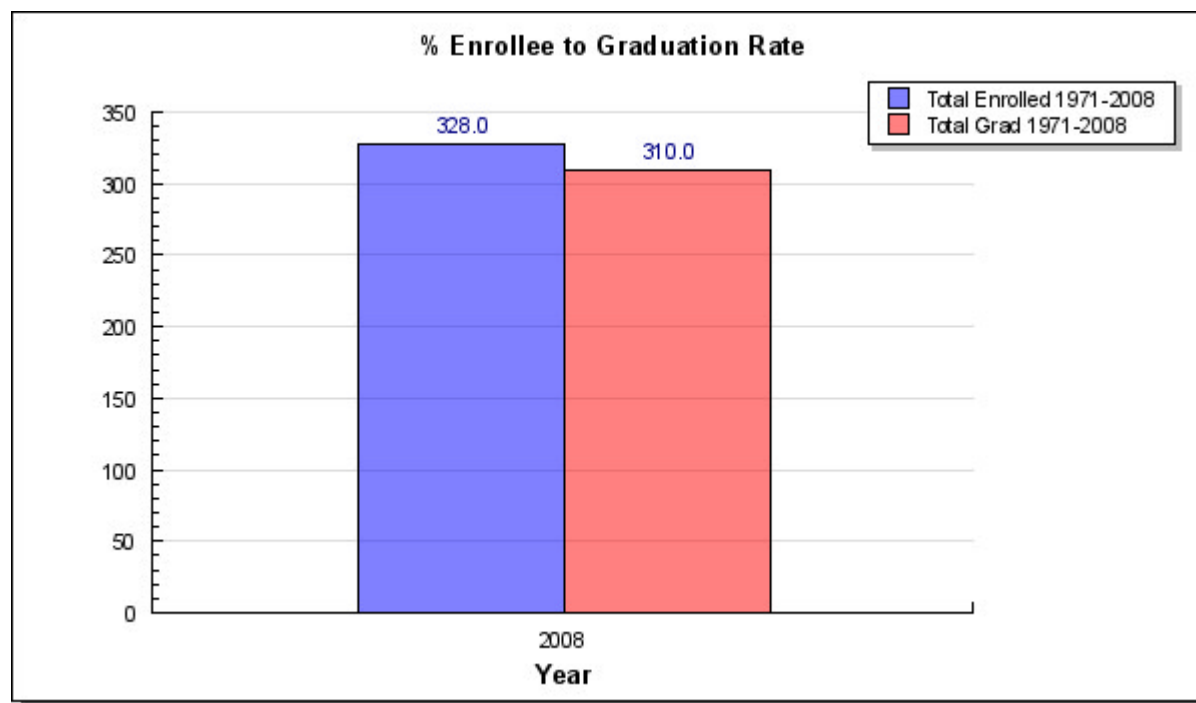
Full time	0
Part time	0
Total	0

Performance

A: Result - An Alaska Medical Program

Target #1: Achieve and maintain a program graduation rate of 95%

Status #1: The Alaska WWAMI program continues to achieve a program graduation rate of 95%.



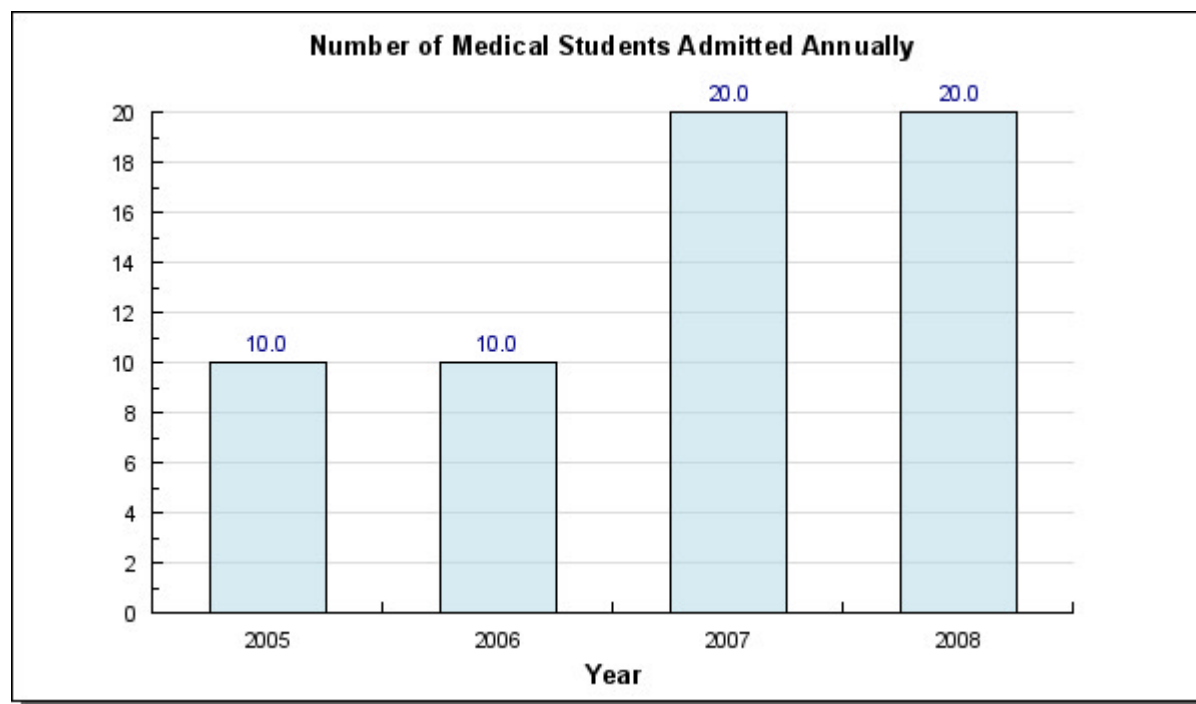
% Enrollee to Graduation Rate

Year	Enrollees to Graduates %
2008	95%

Analysis of results and challenges: Alaska WWAMI graduation rates have historically been very robust, reflecting the strength of the program and the Alaska participants. In the more than 35 years of the program's existence, only 18 participants have not graduated due to various reasons including academic difficulties, personal problems, or death. The major component to achieving this target is selecting Alaskans who demonstrate the academic and personal characteristics which are strong indicators of their ability to thrive in the challenging academic setting and their commitment to return and practice in their home state. Regardless, graduation rates can be impacted by uncontrollable elements or events such as student withdrawal due to illness or other factors.

Target #2: Annually fill Alaska's 20 WWAMI seats each year

Status #2: Alaska WWAMI has successfully filled its increased class size each of the two academic years since the Alaska Legislature increased the State's allotment of medical education seats from ten to twenty per year.

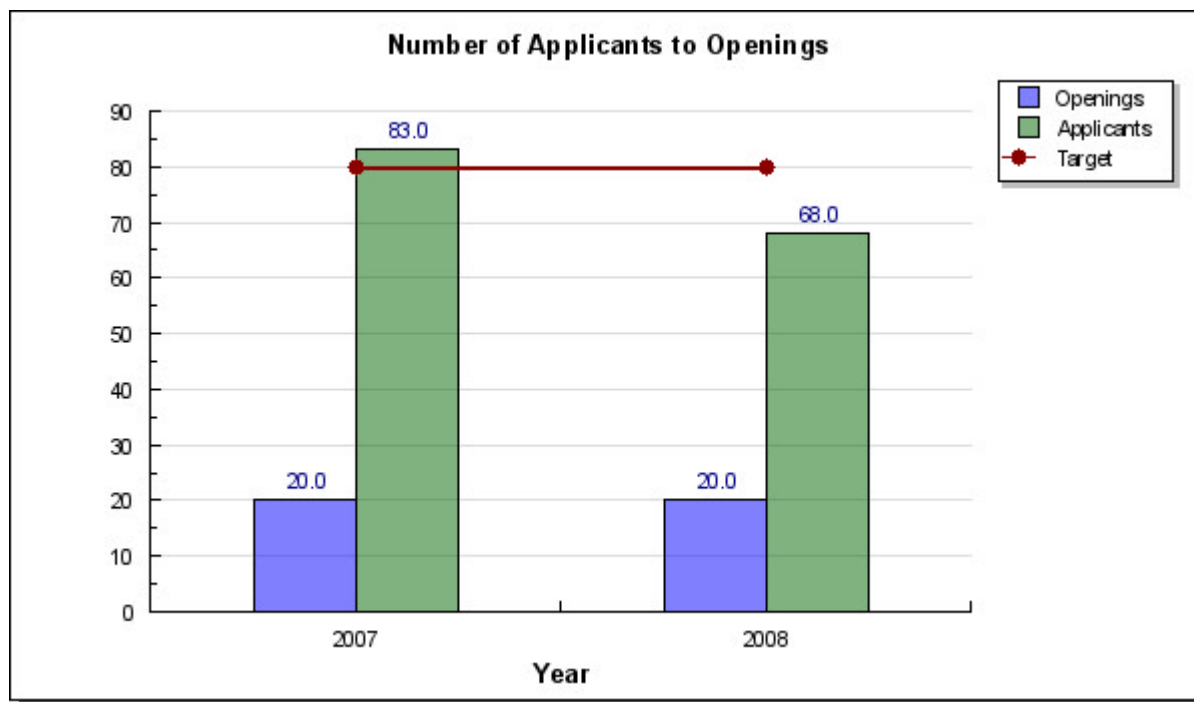


Analysis of results and challenges: Alaska WWAMI is a partnership between the State of Alaska, the University of Alaska and the University of Washington School of Medicine designed to provide outstanding medical education opportunity to state residents and physicians for Alaska. From program inception through academic year 2006-2007, 10 Alaskans were annually admitted to the Alaska WWAMI Program, making the full program complement a total of 40 students. The 2007 Alaska class expansion to 20 students increased the full complement size to 50. By 2010 total enrollment will be at 80. Challenges brought with program expansion are: 1) ensuring adequate space and faculty at the University of Alaska Anchorage; 2) a sufficient number of clinical training sites; and, 3) enhancing the pathway programs to cultivate a strong annual pool of qualified Alaskan applicants.

A1: Strategy - Pre College Outreach

Target #1: Maintain applicant pool quality at a 4:1 ratio of applicants to class seats

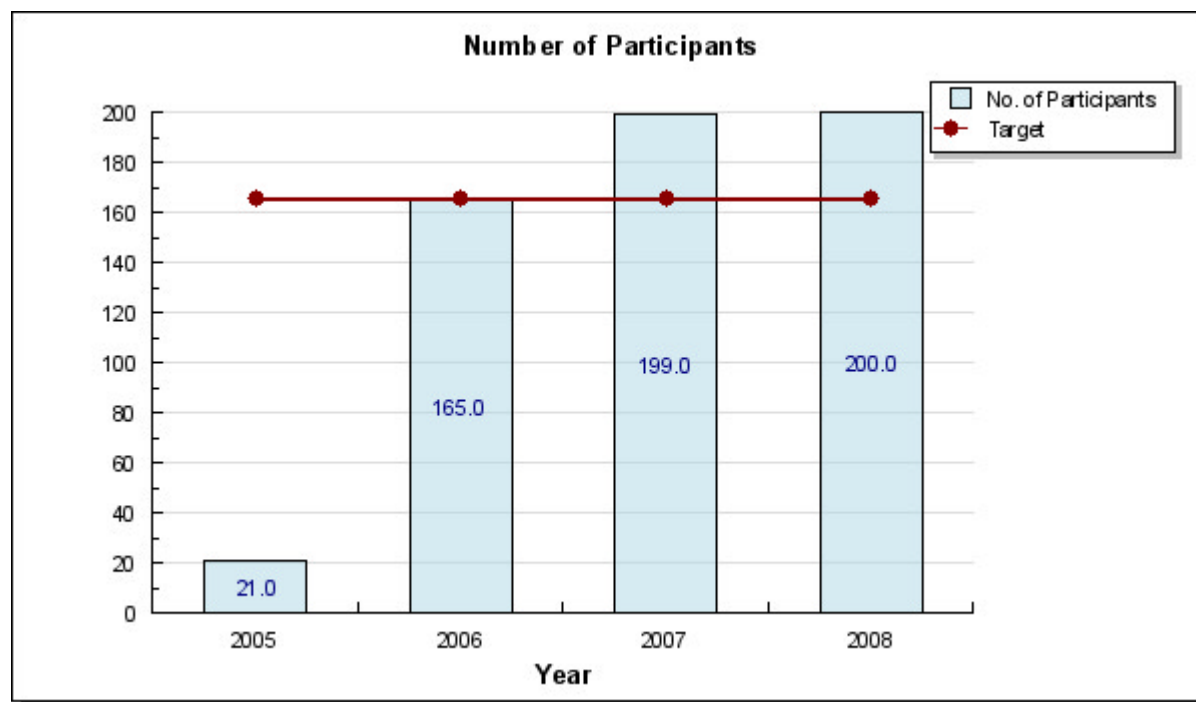
Status #1: Achieved target in 2007 but failed to do so in 2008.



Analysis of results and challenges: High school and undergraduate college outreach programs help to promote the program and ensure a consistent pool of qualified applicants. Alaska's class size increase to 20 students requires twice as many applicants to achieve this target. The target was achieved in 2007, but not in 2008. This may reflect a smaller re-applicant pool as more applicants were accepted into the program. Ongoing outreach efforts include a six-week summer high school residential program and an annual PreMed Summit designed to engage Alaska students interested in pursuing careers as physicians.

Target #2: Maintain annual participant numbers for pathway programs at 165 or more

Status #2: Achieved in 2008.

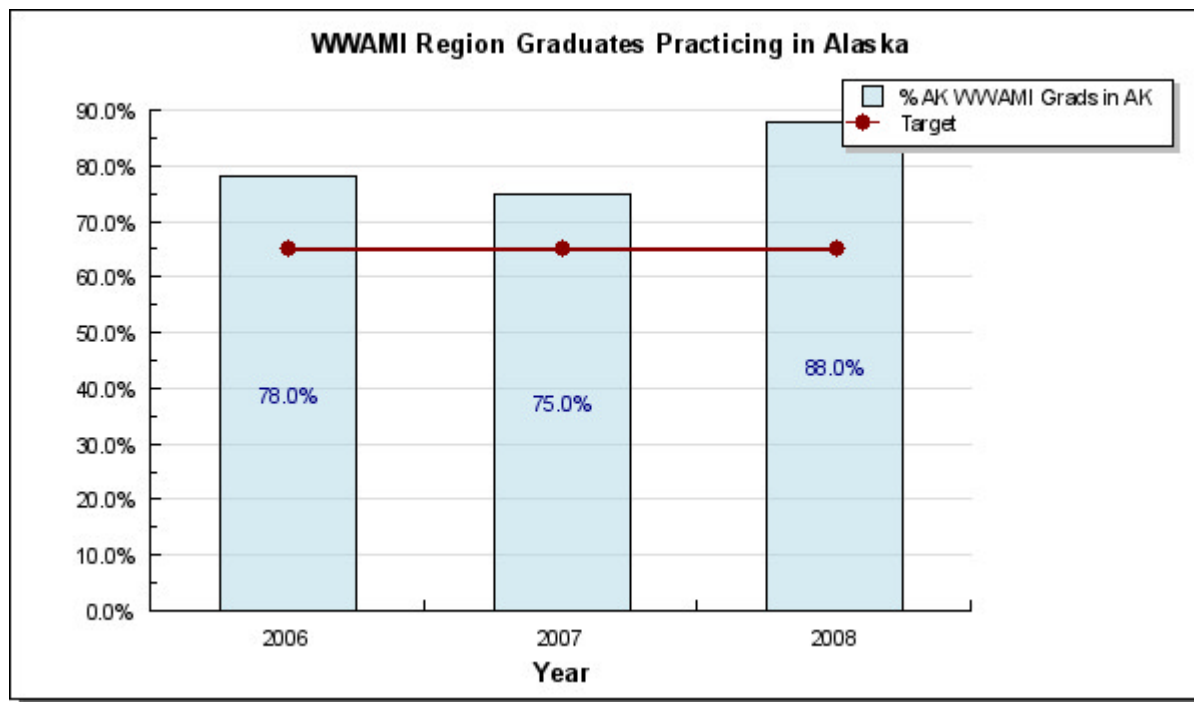


Analysis of results and challenges: In 2006, a PreMed Summit was added to outreach efforts. This resulted in a significant increase in the number of potential applicants reached. Summer enrichment programs (Della Keats / U-DOC / NIDDK) are comprehensive, residential six-week programs, are designed to encourage high school students from minority, disadvantaged, or rural backgrounds to pursue health-related careers. Both the summer enrichment programs and the PreMed Summit provide opportunities for interested students and career counselors to learn about medical careers and Alaska's related education programs. The challenge is to provide new and updated information for parents, advisors and students to sustain the strong participation levels experienced in 2007 and 2008.

B: Result - Program Graduates Practice in Alaska

Target #1: Through the WWAMI program, produce physicians for Alaska practices at a rate of 65% or more

Status #1: In 2008, this target was again achieved as the WWAMI program Alaska physician production rate increased from 75% to 88%

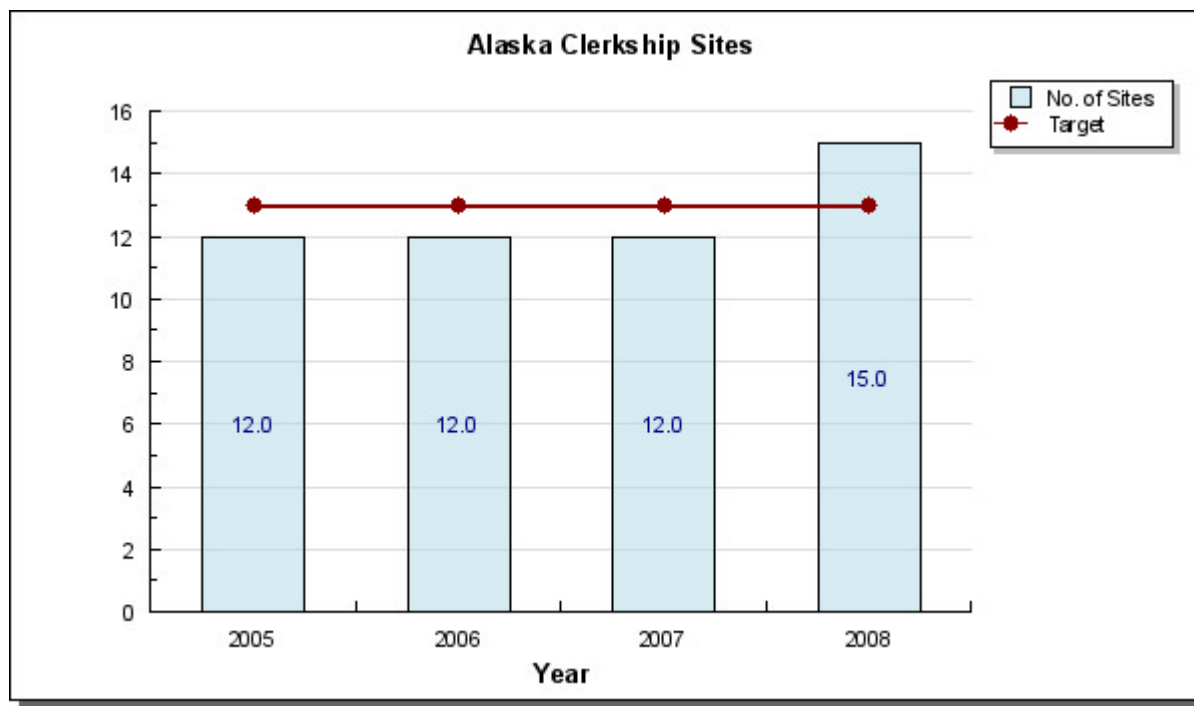


Analysis of results and challenges: Medical school graduates cannot practice independently until they have completed residency training. Nationally <40% of students from state-supported medical schools practice in the same state. To date, the Alaska WWAMI Program has sustained a physician production rate in excess of both the national (40%) and target (65%) rates. To foster practice in Alaska, WWAMI offers educational opportunities for medical students in rural Alaska and clerkships in a variety of specialties. With the class expansion over the next three years, the challenge will be ensure the availability of these opportunities that foster practice in Alaska expand accordingly.

B1: Strategy - Educational opportunities exist to recruit graduates to practice in Alaska

Target #1: Increase Alaska medical student clerkship to 13

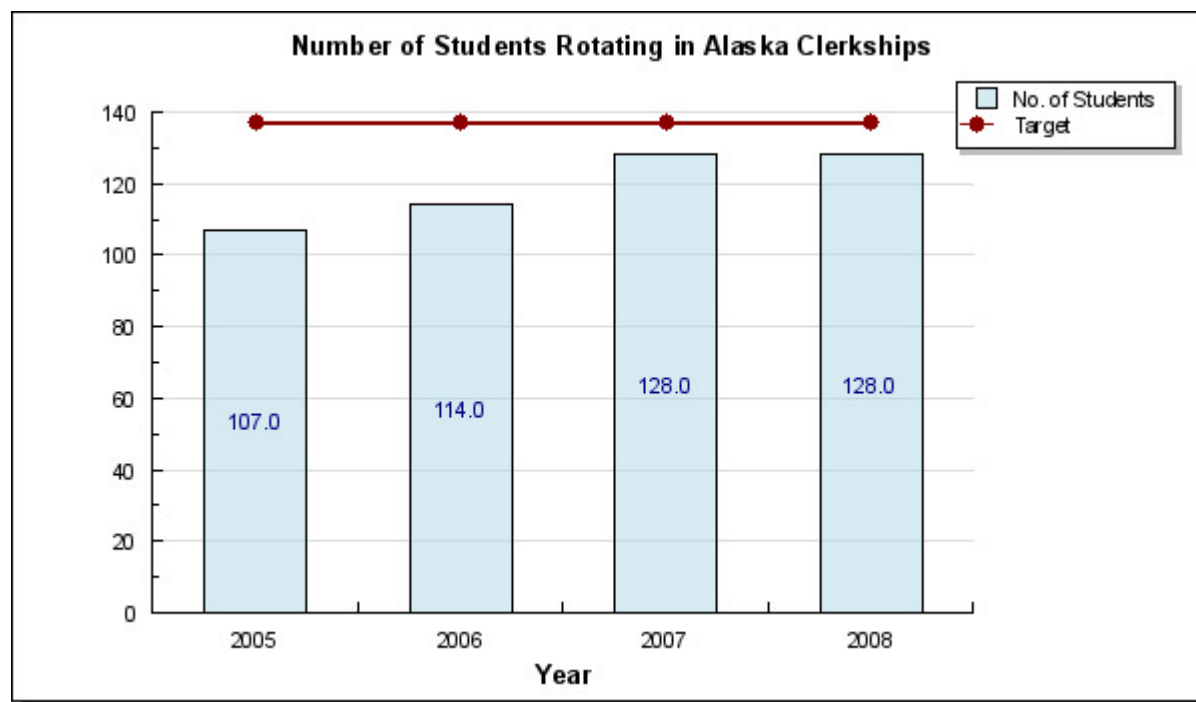
Status #1: Target achieved in 2008 as Alaska's clerkship sites increased from 12 to 15. The number of clerkship sites is expected to increase in future years.



Analysis of results and challenges: Alaska physicians, in sites around the state, train 3rd and 4th year medical students throughout the year. For the 2004-2005 academic year a neurology clerkship began in Anchorage and an obstetrics/gynecology clerkship was initiated in Fairbanks, bringing the total number of Alaskan clerkship sites to 12. The challenge is to develop new clerkship sites to accommodate new students, especially those related to class expansion.

Target #2: Increase the number of student clerkship rotations in Alaska to 137

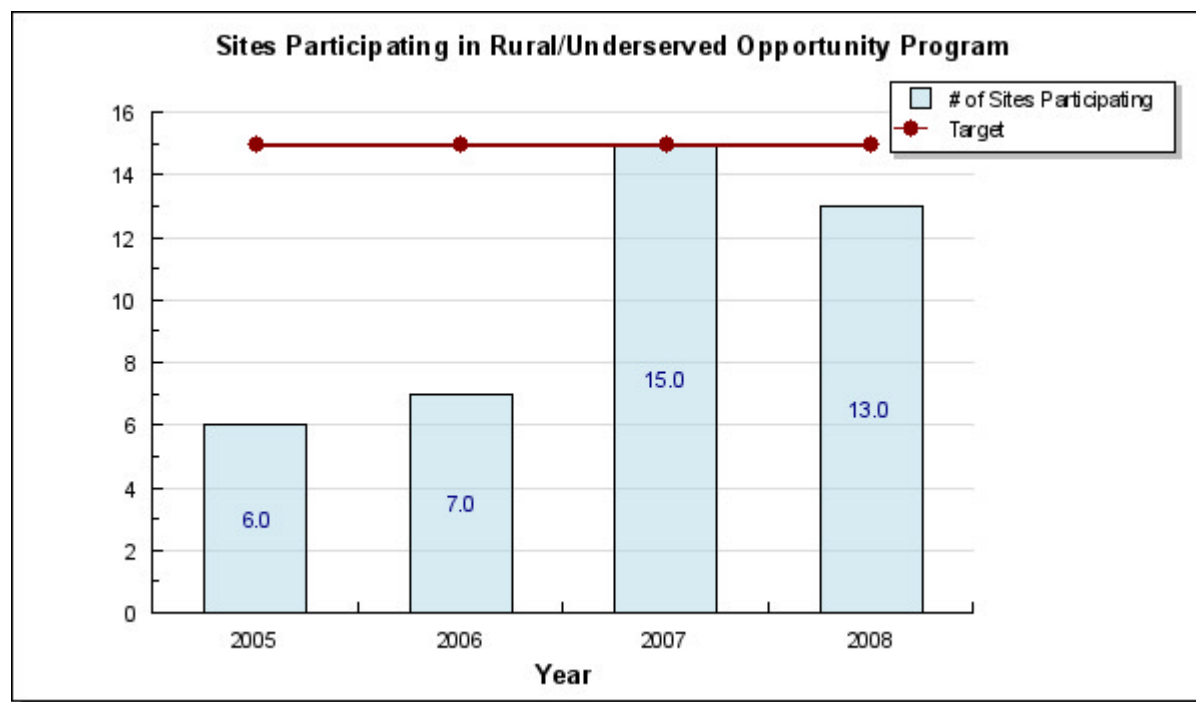
Status #2: This target has not yet been achieved but student numbers remained stable from 2007. This continues to be an appropriate target.



Analysis of results and challenges: The annual number of students in Alaska clerkships fluctuates based upon student preferences and availability of physicians/clerkship sites and slots. The third and fourth year clerkships are open to all WWAMI region students. Alaska students are given preference for placement in Alaska clerkships. As a result of these opportunities to experience medical practice in Alaska, non-Alaska WWAMI students have also chosen to locate their practices in Alaska. With class expansion it will be necessary to ensure the availability of sufficient clerkship sites and department-approved physicians to accommodate the increased number. The graph above illustrates positive progress relative to this target.

Target #3: Increase Alaska sites participating in Rural/Underserved Opportunities Program to 15

Status #3: 2008 reflected a 13% decrease in Alaska RU/OP program sites. RU/OP participation rates do fluctuate from year to year. This remains a viable target.



Analysis of results and challenges: The Rural/Underserved Opportunity Program (R/UOP) is for students who have just completed their first year of medical school. During the summer of 2008, 13 students were placed with physicians in Alaska's rural communities where they shadowed physicians and experienced rural practice. Again, the challenge will be to increase the number of participating sites relative to the full 80 seat class anticipated in 2010.

Key Component Challenges

To continue to provide Alaskans guaranteed access to medical education and to address statewide professional medical workforce needs.

Significant Changes in Results to be Delivered in FY2010

In the spring of 2007 the Alaska WWAMI Program expanded class size to 20 incoming students per year. By 2010 Alaska WWAMI will have 20 students in each year of medical education for a total of 80 students.

The Alaska Family Medicine Residency has been expanding for a number of years. Currently there are 12 first-year, 12 second-year and 11 third-year residents. Full capacity is 12 residents in each year.

Major Component Accomplishments in 2008

- Alaska WWAMI class size was increased to 20 incoming medical students per year
- Continued expansion of the Alaska Family Medicine Residency to a total of 36 residents in the 3-year program;
- Renovation of 1st year lab, classroom and study space to accommodate larger incoming medical class;
- Alaska WWAMI class size was increased to 20 incoming medical students per year;

- Continued expansion of the Alaska Family Medicine Residency to a total of 36 residents in the 3-year program;
- Renovation of 1st year lab, classroom and study space to accommodate larger incoming medical class;
- UAA Chancellor's Diversity Award won by Della Keats / U-DOC / National Institute of Diabetes Digestive and Kidney Diseases (NIDDK);
- National Institute of Health / NIDDK Commitment to Excellence Award won by Della Keats / U-DOC / NIDDK UAA Director Ian van Tets, PhD;
- Third annual PreMed Summit to all three UA campuses attracted more than 200 participants (about a 15% increase);
- Alaska WWAMI applicant interviews offered in Anchorage for the second time;
- Mini Medical School, a community continuing education series was held in Fairbanks in October with an average of 50-60 in attendance;
- The Rural / Underserved Opportunities Program (R/UOP) doubled the number of students and sites involved in Alaska.

Statutory and Regulatory Authority

AS 14.42.030(d)
AS 14.43.510
20 AAC 19.010-19.900

Contact Information
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**WWAMI Medical Education
Component Financial Summary**

All dollars shown in thousands

	FY2008 Actuals	FY2009 Management Plan	FY2010 Governor
Non-Formula Program:			
Component Expenditures:			
71000 Personal Services	0.0	0.0	0.0
72000 Travel	0.0	0.0	0.0
73000 Services	1,592.4	2,130.1	2,654.8
74000 Commodities	0.0	0.0	0.0
75000 Capital Outlay	0.0	0.0	0.0
77000 Grants, Benefits	0.0	0.0	0.0
78000 Miscellaneous	0.0	0.0	0.0
Expenditure Totals	1,592.4	2,130.1	2,654.8
Funding Sources:			
1004 General Fund Receipts	1,592.4	2,130.1	2,654.8
Funding Totals	1,592.4	2,130.1	2,654.8

**Summary of Component Budget Changes
From FY2009 Management Plan to FY2010 Governor**

All dollars shown in thousands

	<u>General Funds</u>	<u>Federal Funds</u>	<u>Other Funds</u>	<u>Total Funds</u>
FY2009 Management Plan	2,130.1	0.0	0.0	2,130.1
Proposed budget increases:				
-FY10 WWAMI Contractual Increase	524.7	0.0	0.0	524.7
FY2010 Governor	2,654.8	0.0	0.0	2,654.8